Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 17 Jun 2023 until 23:59 on Sunday 18 Jun 2023

Forecast Issued on Saturday 17 Jun 2023 at 04:31

Confidence: High for warm conditions and for the transition through the weekend to more unsettled weather with showers and thundery downpours. Lower confidence in exact details and timings of showers.

Headline for Saturday 17 Jun 2023: Mostly dry, often cloudy, with a small chance of showers.

Mountain weather hazards on Saturday 17 Jun 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy
Precipitation probability					
10%	10%	20%	20%	20%	30%

Forecast for Saturday 17 Jun 2023

Weather: Generally cloudy but bright, although some sunny spells will occur, especially this afternoon. As temperatures rise there is a chance of a few isolated daytime showers developing, with a slight possibly that one or two of these may turn locally heavy or thundery late afternoon, mainly in the west of the Dales. The chance of isolated showers continues overnight.

Chance of cloud-free hill tops above 600m: Greater than 90%.

Low Cloud and visibility: A largely cloudy day but with bases expected to remain comfortably above the summits throughout. Very good visibility expected, falling to moderate in the vicinity of any showers that may develop. Locally poor in any heavy or thundery downpours.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Saturday 17 Jun 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/10 E	12/16 SE	12/18 SE	11/16 SE	10/15 SE	10/18 E	7/14 E
300	5/12 E	9/15 SE	9/16 SE	9/15 SE	7/15 SE	6/17 E	4/12 E
Valley	5/13 E	8/14 SE	9/17 SE	9/16 SE	7/14 SE	7/18 E	7/16 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/13	15/13	16/14	17/15	17/15	14/12	13/12
300	15/14	19/17	19/17	20/18	20/18	16/15	14/14
Valley	18/16	20/18	21/19	22/20	22/20	18/17	17/16
Freezing Level*	2000m	2300m	2600m	2800m	2800m	2800m	2800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Warm and humid conditions are expected, with moderate to high UV levels forecast. Conditions may deteriorate quickly around any showers that develop.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 17 Jun 2023	0mm	1.6mm	1.6mm

Forecast for Sunday 18 Jun 2023

Weather: The odd shower may linger overnight. Clear spells to start, and then sunny spells through the morning. During the afternoon showers will break out in many areas, some developing into thunderstorms with a risk of hail and lightning. Through the evening showers may merge into areas of heavy rain, with a chance of thunder.

Maximum wind: East or southeast 15-20mph, but gusts 30-40mph in a variable direction possible near heavy showers.

Chance of cloud-free hill tops above 600m: Greater than 90%. Lowering to 70% during the afternoon and evening.

Low Cloud and visibility: Cloud bases are expected to remain well above summits. However, should heavy showers become slow-moving or merge to give a more prolonged spell of rain, there is a chance that scraps of cloud may form with bases around 600m, shrouding some tops. Very good visibility, but moderate or poor in heavy or thundery showers.

Temperature: **Valleys:** Plus 15 Celsius, rising to Plus 22 Celsius.
At 600m: Plus 11 Celsius, rising to Plus 18 Celsius.
Freezing level: Well above summits.

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